

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008509

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/185 A61K31/44 A61K31/4184 A61P15/00 A61P15/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, EMBASE, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/004097 A (ESTEVE-SOLER JOSE ; ESTEVE LABOR DR (ES); SAENZ DE TEJADA-GORMAN INIGO) 16 January 2003 (2003-01-16) page 1, line 1 - page 2, line 4	1-45
X	ANGULO J ET AL: "Calcium dobesilate potentiates endothelium-derived hyperpolarizing factor-mediated relaxation of human penile resistance arteries" BRITISH JOURNAL OF PHARMACOLOGY, BASINGSTOKE, HANTS, GB, vol. 139, no. 4, June 2003 (2003-06), pages 854-862, XP001189343 ISSN: 0007-1188 the whole document	1-45

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

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- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

28 October 2004

Date of mailing of the international search report

08/11/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 147 112 A (ESTEVE-SOLER JOSE) 14 November 2000 (2000-11-14) the whole document	1-45
Y	CA 2 325 930 A (KIM JE JONG ; LG CHEMICAL LTD (KR); MOON DU GEON (KR)) 29 July 2001 (2001-07-29) page 10, line 6 - page 18, line 24	1-45
Y	MOON D G ET AL: "AKATP-channel opener as a potential treatment modality for erectile dysfunction" BJU INTERNATIONAL, vol. 83, no. 7, May 1999 (1999-05), pages 837-841, XP002302506 ISSN: 1464-4096 the whole document	1-45
Y	WO 02/17963 A (PFIZER LTD ; MAW GRAHAM NIGEL (GB); WAYMAN CHRISTOPHER PETER (GB); PFI) 7 March 2002 (2002-03-07) page 3, line 27 - page 29, line 10	1-45
Y	CHRIST GEORGE J: "K channels as molecular targets for the treatment of erectile dysfunction" JOURNAL OF ANDROLOGY, vol. 23, no. 5, September 2002 (2002-09), pages S10-S19, XP009038874 ISSN: 0196-3635 page 16, right-hand column - page 17, left-hand column	1-45
Y	SPEKTOR MARIYA ET AL: "Potassium channels and human corporeal smooth muscle cell tone: Further evidence of the physiological relevance of the Max1-K channel subtype to the regulation of human corporeal smooth muscle tone in vitro" JOURNAL OF UROLOGY, vol. 167, no. 6, June 2002 (2002-06), pages 2628-2635, XP009038916 ISSN: 0022-5347 abstract page 2630, right-hand column - page 2634, left-hand column	1-45

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/008509

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03004097	A	16-01-2003	ES 2180446 A1	01-02-2003
			BR 0211315 A	28-09-2004
			CA 2453572 A1	16-01-2003
			EP 1413332 A1	28-04-2004
			WO 03004097 A1	16-01-2003
			HU 0400924 A2	28-07-2004
			US 2004143010 A1	22-07-2004
US 6147112	A	14-11-2000	WO 9737647 A1	16-10-1997
			FR 2747040 A1	10-10-1997
			AU 715600 B2	03-02-2000
			AU 2693697 A	29-10-1997
			BR 9708595 A	03-08-1999
			EP 0954298 A1	10-11-1999
			JP 2000508308 T	04-07-2000
			NO 984572 A	30-09-1998
			US 6403643 B1	11-06-2002
			CA 2251226 A1	16-10-1997
			ES 2127132 A1	01-04-1999
CA 2325930	A	29-07-2001	KR 2001076961 A	17-08-2001
			BR 0005785 A	27-11-2001
			CA 2325930 A1	29-07-2001
WO 0217963	A	07-03-2002	AU 8237701 A	13-03-2002
			CA 2420852 A1	07-03-2002
			EP 1313507 A2	28-05-2003
			WO 0217963 A2	07-03-2002
			JP 2004517046 T	10-06-2004
			US 2004185094 A1	23-09-2004